

119B. Electric Face Equipment. (a) All electric face equipment taken into gassy mines shall be permissible equipment approved by the United States Bureau of Mines, except that explosion-tested cable-reel locomotives and shuttle cars may be used. Any such equipment in use or on order prior to the effective date of this Act shall continue to be used with the written permission of the Director of the Bureau of Mines, it being the legislative intent that the Director of the Bureau of Mines shall use all known means to determine the safety and efficiency of said equipment prior to permitting same to be used, provided, however, such written permission to use such equipment by the Director of the Bureau of Mines shall not be required prior to June 1, 1950. If, however, the Director of the Bureau of Mines shall determine that any such equipment in use or on order prior to the effective date of this Act shall be unsafe, it shall be his duty to order such equipment either replaced or altered to meet the requirements of this Section.

(b) Permissible junction or distribution boxes shall be used for making multiple-power connections in working places or other places where dangerous quantities of methane may be present or may enter the air current or power connections shall be made in intake air.

(c) Permissible equipment shall be maintained in a good state of repair and in permissible condition. Explosion-tested equipment shall be maintained in a good state of repair and in explosion-tested condition.

(d) No electrically driven equipment shall be taken into or operated in a working place where 1.0 per cent or more methane can be detected at any point not less than 12 inches from the roof, face, or rib.

In all face workings of gassy mines, inspections for methane shall be made before electric equipment is taken into or operated in face regions, and frequent tests shall be made for methane while such equipment is operated in face regions.

(e) Electric drills or other electrically operated rotating tools intended to be held in the hands shall have the electric switch constructed so as to break the circuit when the hand releases the switch or shall be equipped with friction or safety clutches.

(f) Explosion-tested cable-reel locomotives in gassy mines shall be equipped with 2-conductor trailing cables.

119C. Trailing Cables. (a) All new trailing cables used on electric mine equip- mines shall meet the United States Bureau of Mines tests for flame-resistive qualities.